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OXC-0713

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15 July 1960

MEMORANDUM FOR : Deputy Director (Plans)  
THROUGH : Acting Chief, IWD-ID/P   
SUBJECT : Eastman-Kodak and Perkin-Elmer Assessments  
REFERENCE : OXC-0590, dated 24 May 1960

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1.  in late May, discussed the attached memoranda on factors relating to ground resolution with Ned Scott. Mr. Scott's comments are attached under memorandum of 26 May.

2. I have delayed returning these papers since I had not, until 7 July, had an opportunity to discuss their contents personally with Ned Scott. In summary, there is no discrepancy whatsoever between the Eastman-Kodak and Perkin-Elmer assessments of the important parameters which effect ground resolution under the appropriate environmental conditions. Although there are quantitative differences, these are explained by variation in the assumptions made by the two companies as to performance of components of the optical systems, and not on any serious differences of opinion as to the degradation associated with atmospheric turbulence, boundary layer effects, etc. In general, Eastman-Kodak have been a bit more conservative in their design assumptions, although Perkin-Elmer, while somewhat more optimistic, had nowhere assumed an impossible level of performance for any of their components.

**WILLIAM P. KIMMER**  
Chief, Technical Analysis Staff  
IWD-ID/P

Attachments:

1. OXC-0590
2. OXC-0592
3. OXC-0594
4. Ltr of 26 May from R. M. Scott

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attachments